A2500-2

Paper Paperboard & Wood Pulp

MONTHLY STATISTICAL SUMMARY - Vol.68 No.3 MARCH 1990

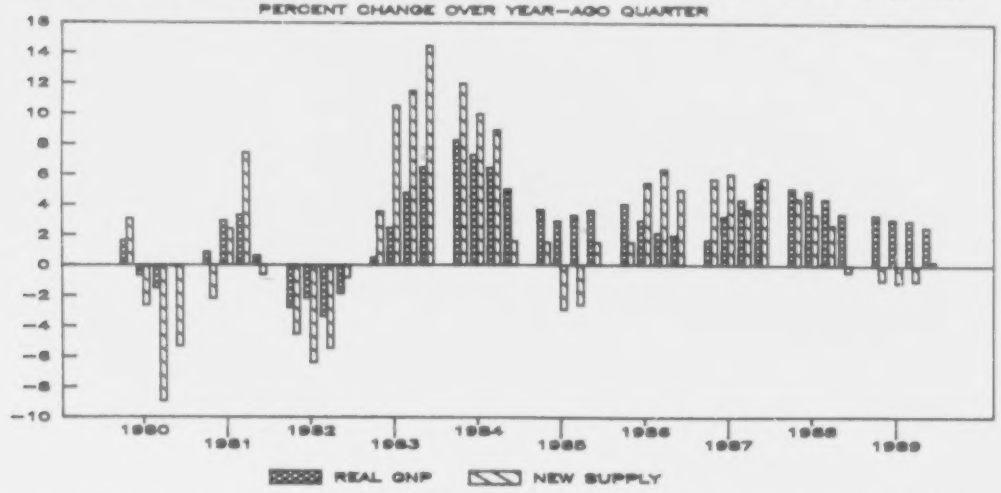
PAPER AND PAPERBOARD PRODUCTION CONTINUES ALONG ITS 1988-1989 TRACK

Introduction: The trend of paper and paperboard demand has long tended to match that of the real gross national product (real GNP). In the 1976-1988 period, for example, paper and paperboard new supply (production plus imports less exports) rose by 42.7%, that of real GNP by 42.4%. On a year-to-year basis, paper and paperboard demand generally led real GNP on the upswing of the business cycle and lagged it in periods of slowing or declining growth (See chart below.)

For most of the past twelve years production grew more slowly than demand because of increases in net imports. Since the end of 1987, the growth of demand lagged that of real GNP, with the 1989 new supply total 0.7% below 1988's. At the same time, net imports declined and production flattened.

The rate of growth in real GNP slowed in recent quarters, while the paper and paperboard production remained level. The January-February 1990 seasonally-adjusted rate of paper and paperboard production, for example, was just 1.2% above its year-ago volume; a 2.5% gain in paper offset a 0.2% loss in paperboard. The unadjusted totals were fractionally stronger, reflecting the effect of one less Sunday -- average industry production on Sundays is about 2% below that of weekdays -- in the first two months of 1990. (See table on page 3.)

REAL GNP & NEW SUPPLY OF PAPER & PA'BRD



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The 1989 ratio of paper and paperboard new supply to real GNP reached its lowest level since 1975, with the exception of 1982. The 1989 decline does not necessarily presage a change in the long-term relationship between paper and paperboard demand and real GNP. Paper demand has occasionally lagged a growing real GNP, and always recovered. In 1985, for example, demand for paper and paperboard turned down at a time when real GNP was in a rising trend, but then moved up more rapidly than real GNP in the two subsequent years.

Paper: Demand for domestically-produced newsprint continues to swell and seems headed for yet another record year. Some of this growth is attributable to rising international demand; U.S. newsprint exports gained 46% in 1989, mainly to Asian markets, following a 26% expansion in 1988. The January 1990 export total increased a further 2.9% from its January 1989 level.

Among the printing-writing grades, shipments of uncoated groundwood, uncoated free sheet and coated papers in the first two months of 1989 outpaced their year-ago rates. New and unfilled orders for the uncoated groundwood and uncoated free sheet grades were well ahead of last year's levels, while uncoated free sheet new orders showed a smaller gain. Mill inventories of printing-writing papers have remained steady since October 1989, indicating that recent production has been matching shipments.

The 1990 gain in shipments of printing-writing papers reflected, in part, a change in inventory policies of end-users. Last year at this time, users were reducing white paper inventories, keeping purchases below consumption rates; at present their purchases are more closely in line with actual requirements.

Year-to-date shipments of unbleached kraft paper dropped 12% from their January-February 1989 totals. Grocers bags and sacks accounted for most of this decline, partly the result of a 20,000-ton reduction in inventories of these products at converting plants. The rate of total kraft paper shipments in the first two months of 1990, as measured by the 6-month moving average of the seasonally adjusted data, fell back to its third quarter 1989 level, after a temporary resurgence in the last quarter of that year.

Paperboard: Production of paperboard for export is the bright spot among paperboard markets, posting a 7.4% gain over its comparable 1989 level. Boxboard production for export, up 16%, has been the driving force, offsetting losses in production of non-packaging boxboard. The non-packaging grades that have been losing ground include gypsum wallboard facing -- used largely in residential construction -- and panelboard -- used mainly in automobile production.

Containerboard output followed a similar pattern, with a 4.8% increase in production for export offsetting a fractional decline in production for domestic use. Shipments of fibre boxes in the first two months of 1990 also held close to their corresponding year-ago totals.

Technical note: The graphs on pages 4,6 and 8 have been re-ordered. Page 4 now shows the summaries: total paper and

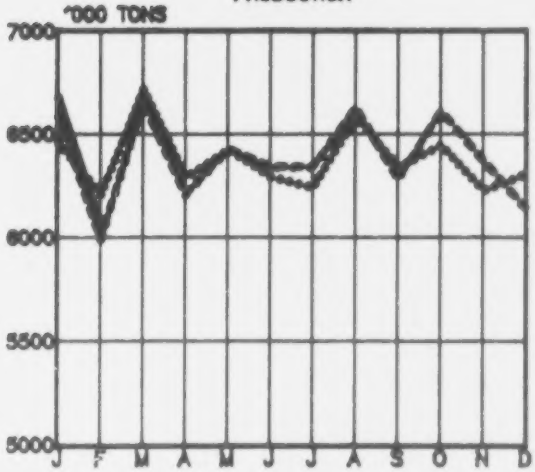
PAPER AND PAPERBOARD STATISTICS PRODUCTION, SHIPMENTS AND ORDERS (Thousands of Tons)	YEAR 1988	YEAR 1989	NOV 1989	DEC 1989	JAN R 1990	FEB P 1990	Annual Rate Y-T-D 1990	% Change From Same Period Last Year
PAPER								
Newsprint - Production	5,982	6,088	516	532	553	510	6,378	11.6
- Shipments	5,969	6,079	530	529	548	515	6,380	13.7
Printing & Writing: Total Shipments	21,857	21,540	1,816	1,684	1,929	1,742	22,027	2.4
Groundwood Paper - Shipments	1,824	1,754	153	123	157	145	1,812	6.8
- New Orders	1,664	1,784	129	150	162	154	1,892	17.4
- Unfilled Orders	208	211	196	211	224	234	234	30.1
Coated Papers - Shipments	7,359	7,194	616	585	642	569	7,262	2.2
- New Orders	7,412	7,262	552	585	610	522	6,792	-1.6
- Unfilled Orders	751	822	832	822	786	737	737	5.9
Unctd Free Sheet - Shipments	11,277	11,043	930	864	994	909	11,386	1.9
- New Orders	11,296	11,132	967	914	959	966	11,547	6.7
- Unfilled Orders	790	784	747	784	742	816	816	21.9
Thin Papers - Shipments	281	245	17	18	23	21	265	12.5
Cotton Fiber Paper - Shipments	167	157	12	12	13	13	160	-2.0
Bleached Bristols - Shipments	1,150	1,148	89	82	100	90	1,141	0.0
Tissue Paper - Production	5,476	5,636	474	460	474	452	5,552	2.5
Total Packaging & Other Paper	5,047	4,925	429	402	414	373	4,726	-6.3
Unbl. Kraft Paper - Shipments	2,800	2,681	241	216	216	190	2,437	-12.4
Other Paper - Production	2,247	2,243	188	186	198	183	2,289	1.3
TOTAL PAPER PRODUCTION - UNADJUSTED	38,363	38,189	3,234	3,077	3,370	3,077	38,683	2.6
TOTAL PAPER PRODUCTION - SEAS ADJ			3,247	3,090	3,284	3,254	39,225	2.5
PAPERBOARD - PRODUCTION								
Containerboard	26,225	26,425	2,145	2,160	2,283	2,052	26,009	0.2
Cont'bd For Dom Use for Fibre Boxes	23,563	23,742	1,941	1,906	2,025	1,819	23,066	-0.1
Total Linerboard	16,177	16,392	1,339	1,289	1,388	1,248	15,813	-0.1
Unbleached Kraft	15,601	15,827	1,299	1,251	1,350	1,224	15,443	1.1
Solid Bleached	170	177	13	10	13	8	125	-25.4
Recycled	407	388	26	29	25	16	245	-36.1
Corrugating Medium	7,351	7,335	601	617	637	570	7,243	0.0
Semichemical	5,528	5,545	446	467	478	419	5,377	-1.0
Recycled	1,823	1,791	155	150	159	152	1,865	5.7
Container Chip and Filler	35	14	1	1	1	1	10	-55.3
Other Containerboard for Dom Use	320	307	19	27	23	18	249	-18.8
Containerboard for Export	2,342	2,377	185	227	234	215	2,694	4.8
Boxboard	11,879	11,873	981	893	1,018	941	11,749	0.0
Boxboard for Packaging for Dom Use	7,014	7,059	572	527	607	563	7,021	0.5
Folding Boxboard	5,293	5,334	437	390	461	426	5,320	0.6
Solid Bleached	2,017	1,992	167	151	163	152	1,889	-4.1
Unbleached Kraft	924	967	74	65	86	83	1,013	5.2
Recycled	2,352	2,355	196	174	211	192	2,417	2.6
Set-up Boxboard for Dom Use	279	284	22	19	26	26	311	6.4
Milk Carton & Food Service Dom Use	1,442	1,441	112	119	121	111	1,390	-1.2
Other Boxboard for Domestic Use	4,076	3,963	329	291	337	304	3,850	-3.9
Boxboard for Export	789	852	80	74	73	74	878	16.0
Paperboard Production by Furnish	38,104	38,299	3,126	3,053	3,300	2,993	37,757	0.1
Unbleached Kraft	19,140	19,493	1,580	1,567	1,685	1,536	19,328	1.4
Semichemical	5,664	5,681	455	479	490	430	5,518	-2.1
Solid Bleached Kraft	4,511	4,532	379	368	384	356	4,439	1.5
Recycled	8,789	8,592	713	639	741	671	8,473	-1.9
Paperboard Production for Export	3,132	3,227	265	300	306	289	3,572	7.4
Unbleached Kraft	2,296	2,373	187	224	226	211	2,623	3.8
Semichemical	136	137	9	12	12	12	141	-11.8
Bleached Kraft	628	683	56	60	64	64	768	26.7
Recycled	72	34	4	3	4	2	41	18.4
TOTAL PAPERBOARD PRODUCTION - UNADJ	38,104	38,299	3,126	3,053	3,300	2,993	37,757	0.1
TOTAL PAPERBOARD PROD - SEAS ADJ			3,212	3,119	3,193	3,179	38,235	-0.2
PAPER AND PAPERBOARD - UNADJ	76,467	76,488	6,361	6,130	6,670	6,070	76,441	1.4
PAPER AND PAPERBOARD - SEAS ADJ			6,459	6,209	6,477	6,433	77,461	1.2

R - Revised P - Preliminary Seas. Adj. - Seasonally Adjusted Unadj - Not Seasonally Adjusted

TOTAL PAPER AND PAPERBOARD

PRODUCTION

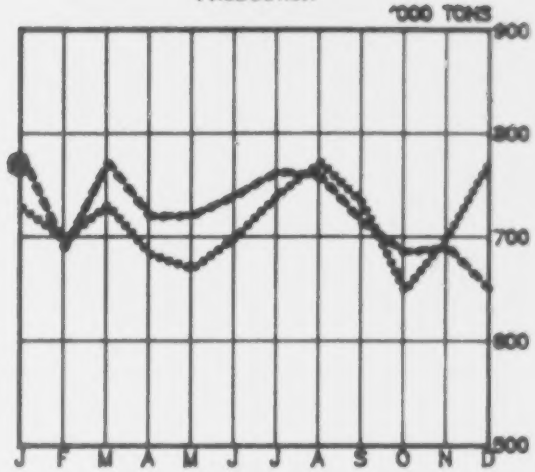
'000 TONS



MARKET WOOD PULP

PRODUCTION

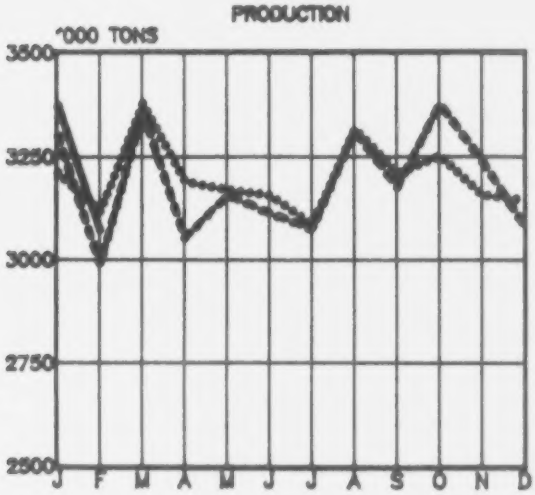
'000 TONS



TOTAL PAPER

PRODUCTION

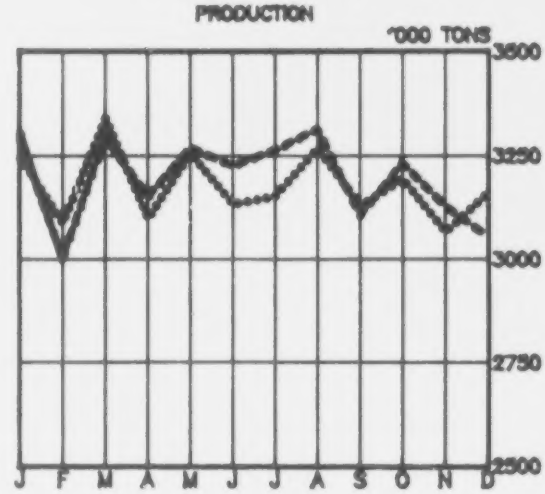
'000 TONS



TOTAL PAPERBOARD

PRODUCTION

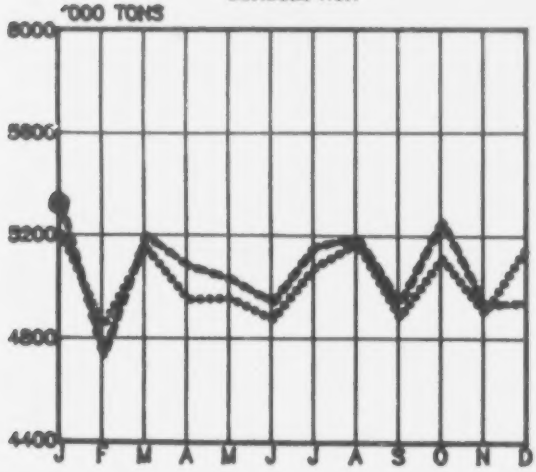
'000 TONS



TOTAL WOOD PULP

CONSUMPTION

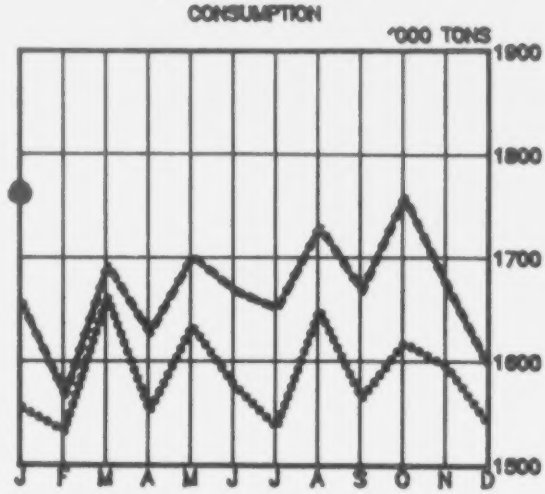
'000 TONS



TOTAL WASTE PAPER

CONSUMPTION

'000 TONS



1988 ••••••• 1989 ------ 1990 ——— or ●

WOOD PULP STATISTICS (Thousands of Tons)			YEAR 1988	YEAR 1989	OCT 1989	NOV 1989	DEC R 1989	JAN P 1990	Annual Rate Y-T-D 1990	% Change From Same Period Last Year
TOTAL WOOD PULP										
Total Wood Pulp	Production		61,161	61,998	5,295	5,021	4,991	5,483	65,800	0.4
	Imports	A	5,038	5,005	442	388	398	413	4,953	-4.5
	Exports		5,528	6,231	502	347	585	420	5,041	-8.1
	New Supply		60,671	60,772	5,235	5,062	4,805	5,476	65,712	0.7
Dissolving Pulp	Production		1,367	1,425	110	133	117	127	1,520	-0.2
	Imports		248	284	34	11	21	17	210	-6.9
	Exports		865	836	67	53	90	58	691	5.4
	New Supply		751	873	77	90	48	87	1,039	-4.9
Paper Grades	Production		49,493	50,181	4,276	4,032	3,995	4,420	53,036	-0.1
Chemical Pulp	Imports	A	4,419	4,370	378	338	343	372	4,466	-5.0
	Exports		4,612	5,325	432	290	490	357	4,279	-9.5
	New Supply		49,300	49,226	4,222	4,079	3,848	4,435	53,223	0.3
Groundwood and	Production		5,943	6,029	530	505	523	548	6,580	5.6
Thermo-Mech	Imports	A	371	351	30	39	34	23	276	6.3
	Exports		51	70	3	3	5	6	70	-31.7
	New Supply		6,263	6,309	556	541	552	566	6,786	6.3
Semi-Chemical	Production		4,358	4,363	379	351	357	389	4,663	-1.1
	Imports									
	Exports									
	New Supply		4,358	4,363	379	351	357	389	4,663	-1.1
MARKET WOOD PULP										
Total Market	Production		8,565	8,664	683	689	648	771	9,247	-0.8
Wood Pulp	Imports		3,471	3,340	290	251	282	266	3,192	-5.1
	Exports		5,071	5,310	396	318	501	311	3,730	-22.5
	New Supply		6,966	6,694	577	623	429	726	8,710	10.7
Dissolving Pulp	Production		1,365	1,422	109	132	117	125	1,500	-1.4
	Imports		206	210	24	8	17	7	82	-7.9
	Exports		798	821	63	48	93	64	762	14.8
	New Supply		774	810	70	92	41	68	820	-13.4
Paper Grades	Production		7,200	7,242	574	557	531	646	7,747	-0.6
Chemical Pulp	Imports		3,126	3,072	264	233	261	257	3,084	-4.5
	Exports		4,273	4,489	333	269	409	247	2,968	-28.4
	New Supply		6,052	5,825	505	520	384	655	7,864	14.3
Groundwood Pulp	Production		0	0	0	0	0	0	0	0.0
and All Other	Imports		139	58	2	10	3	2	26	-42.6
	Exports		0	0	0	0	0	0	0	0.0
	New Supply		139	58	2	10	3	2	26	-42.6

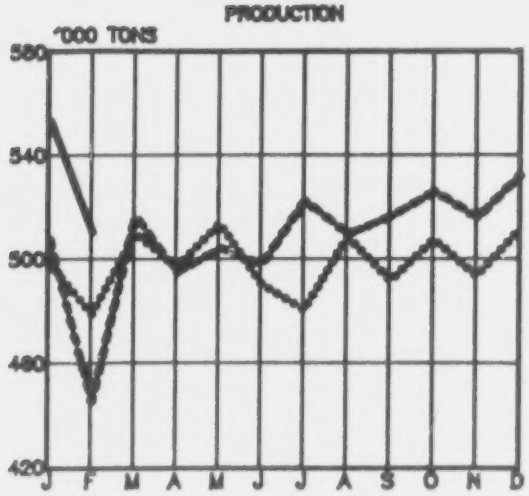
SOURCES: Total Wood Pulp Production & Market Wood Pulp Production, Imports & Exports - Pulp Division, Pulp, Materials and Technology Group, API. Total Wood Pulp Imports & Exports - Department of Commerce.
NOTE: A - API shifted import data from January 1989 to December 1988 to compensate for misallocation of reported data.

FIBROUS RAW MATERIALS (Thousands of tons)	YEAR 1988	YEAR 1989	OCT 1989	NOV 1989	DEC R 1989	JAN P 1990	Annual Rate 1990	% Change From Same Period Last Year
CONSUMPTION AT PAPER & PAPERBOARD MILLS								
Total	79,315	80,722	7,020	6,607	6,540	7,100	85,196	1.8
Total Wood Pulp	60,294	60,725	5,260	4,933	4,945	5,332	63,988	0.3
Waste Paper	19,021	19,997	1,760	1,674	1,595	1,767	21,208	6.7
INVENTORIES								
Chemical Paper Grade Market Pulp								
Producers' Own-Use Inventories	172	178	187	188	193	192	192	7.6
Producers' Market Inventories	261	344	383	446	342	517	517	50.5
Consumers' Purchased Inventories #	622	596	551	529	519	539	539	-9.6
Waste Paper at Paper & Bd. Mills	1,044	1,056	1,082	1,111	1,095	1,114	1,114	5.5
Days of Supply at Pulp Mills of								
Chemical Paper Grade Mkt Pulp	14	18	20	25	19	30	30	66.7

SOURCES: Wood Pulp Data, Pulp Division, Pulp, Materials and Technology Group, API. Waste Paper Data, Paper Recycling Committee, API.
Includes all grades of wood pulp
P - Preliminary; R - Revised; (0) - Indicates zero to five-hundred short tons

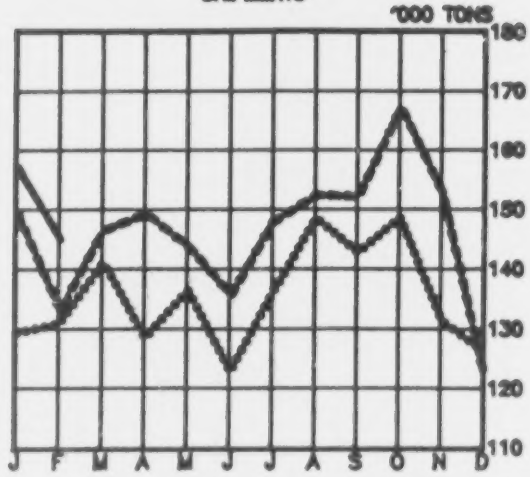
NEWSPRINT

PRODUCTION



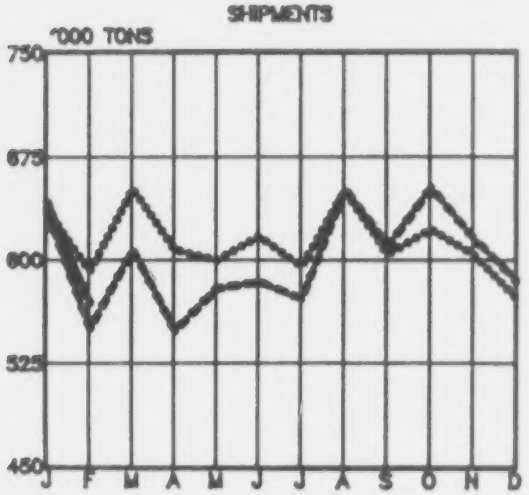
GROUNDWOOD PAPER, UNCOATED

SHIPMENTS



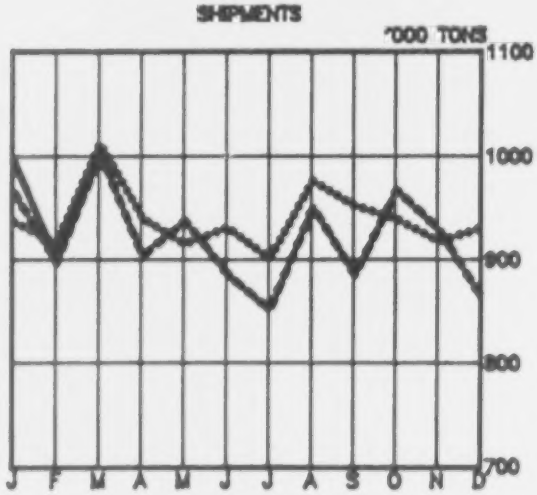
COATED PAPER

SHIPMENTS



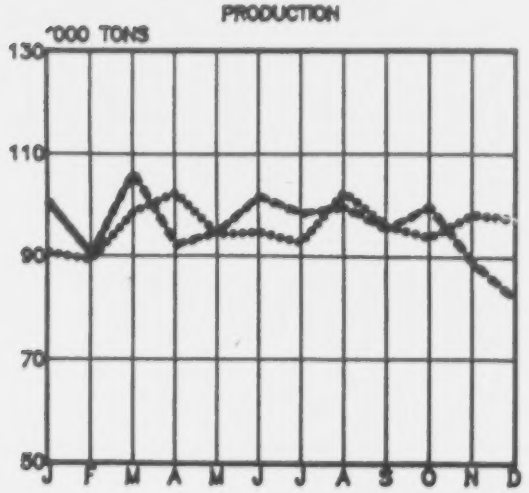
UNCOATED FREE SHEET PAPERS

SHIPMENTS



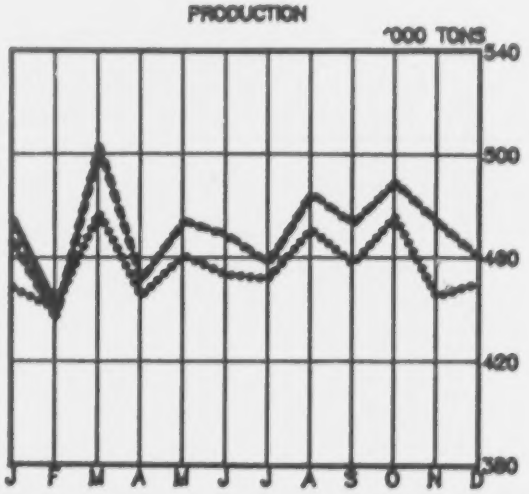
BLEACHED BRISTOLS

PRODUCTION



TISSUE PAPER

PRODUCTION



1988 ••••••• 1989 - - - - - 1990 ———

FIBROUS RAW MATERIALS (Thousands of Standard (128 Cu. ft.) Cord	YEAR 1988	YEAR 1989	OCTOBER 1989	NOVEMBER 1989	DECEMBER 1989	JANUARY 1990	ANNUAL RATE Y-T-D 1990	% CHANGE FROM SAME PD LAST YEAR
PULPWOOD								
Total U.S. – Total Receipts	95,537	99,279	8,878	8,202	7,844	8,741	104,892	3.8
– Total Consumpt	96,497	96,414	8,331	8,070	7,936	8,553	102,636	2.3
– Residues *	33,186	34,539	3,125	2,806	2,808	3,100	37,200	7.1
– Inventories	4,888	5,482	5,405	5,581	5,482	5,571	5,571	14.6
So. Atlantic – Total Receipts	31,882	31,982	2,801	2,809	2,474	2,886	34,620	4.3
– Total Consumpt	31,567	32,239	2,737	2,829	2,585	2,783	33,396	0.7
– Residues *	9,897	9,961	887	790	833	1,015	12,180	18.0
– Inventories	1,200	936	956	1,037	936	1,000	1,000	-16.2
Northeast – Total Receipts	7,187	7,242	667	556	566	692	8,304	-0.9
– Total Consumpt	7,216	7,072	603	583	536	639	7,668	2.4
– Residues *	1,664	1,575	132	116	108	127	1,524	-4.5
– Inventories	572	522	499	475	522	553	553	-7.4
South Central – Total Receipts	33,751	36,840	3,286	3,097	2,785	3,057	36,684	5.5
– Total Consumpt	33,646	36,791	3,006	3,066	2,891	3,064	36,768	4.9
– Residues *	9,890	10,539	988	946	844	924	11,088	5.1
– Inventories	1,160	1,338	1,346	1,434	1,336	1,304	1,304	16.1
North Central – Total Receipts	6,886	7,020	624	586	581	656	8,268	-0.3
– Total Consumpt	6,929	6,963	592	602	581	631	7,572	5.0
– Residues *	1,334	1,422	132	138	126	112	1,344	-1.8
– Inventories	839	936	946	909	936	999	999	7.2
West – Total Receipts	16,152	17,195	1,478	1,370	1,406	1,419	17,028	2.1
– Total Consumpt	16,139	16,349	1,393	1,306	1,361	1,436	17,232	-1.0
– Residues *	10,401	11,042	966	811	897	922	11,064	1.5
– Inventories	1,117	1,730	1,807	1,726	1,730	1,716	1,716	70.6

* – Consumption of Residues in cords equivalent

SOURCE: American Pulpwood Association

UNITED STATES TRADE WITH CANADA		IMPORTS FROM CANADA * YEAR 1989 Tons	YEAR 1989 ($000)	DECEMBER 1989 Tons	DECEMBER 1989 ($000)	JANUARY 1990 Tons	JANUARY 1990 ($000)	ANNUAL RATE Y-T-D 1990 Tons	% CHANGE FROM SAME PD LAST YEAR
Pulpwood, Roundwood (In cords of 128 cubic feet)		211,981	4,582	22,552	365	0	0	0	-100.0
Pulpwood chips		792,188	27,339	40,288	1,264	49,981	1,946	598,629	-38.0
Wood Pulp, Total	A	4,363,343	2,599,247	333,815	199,778	381,417	232,367	4,577,003	-1.3
Waste Fibrous Materials, Total		184,217	31,658	12,319	2,214	13,244	2,899	158,930	-36.8
Paper, Board & Products, Total	A	10,983,831	6,104,181	879,584	475,484	932,936	513,784	11,195,227	1.4
Paper, Paperboard, Wet Machine Bd. & Constr. Paper & Bd.	A	10,807,869	5,782,419	870,451	454,689	921,057	486,777	11,059,880	2.3
Paper, Paperboard & Products	A	10,830,545	6,065,486	872,089	473,515	923,901	511,338	11,086,807	3.0
Paper & Paperboard, Only	A	10,651,373	5,743,703	862,967	452,739	912,622	484,329	10,961,460	3.9
Paper, Total	A	10,234,258	5,579,018	831,525	441,383	880,145	472,203	10,581,795	4.4
Newsprint	A	8,330,874	4,278,705	668,936	332,060	694,954	347,224	8,339,447	4.2
Printing, Writing & Rel. Pap.	A	1,579,898	1,069,293	134,025	89,204	151,737	99,978	1,820,845	8.4
Pack. & Ind. Conv. Paper		217,150	119,140	18,774	10,466	20,505	11,538	246,056	-18.9
Special Industrial Paper		49,045	60,344	4,537	4,956	7,048	7,503	84,571	50.6
Tissue Paper		57,481	51,567	5,253	4,758	5,901	5,960	70,816	0.1
Paperboard, Total		417,117	184,665	31,432	11,357	32,477	12,126	389,725	-9.2
Convtd Paper&Paperbd Products		179,172	321,762	9,133	20,775	11,279	27,007	135,347	-39.7
Wet Machine Board		293	245	23	22	93	74	1,117	638.9
Construction Paper & Board		155,993	38,472	7,471	1,928	8,942	2,374	107,303	-80.4

NOTE: A – API shifted import data from January 1989 to December 1988 to compensate for misallocation of reported data.

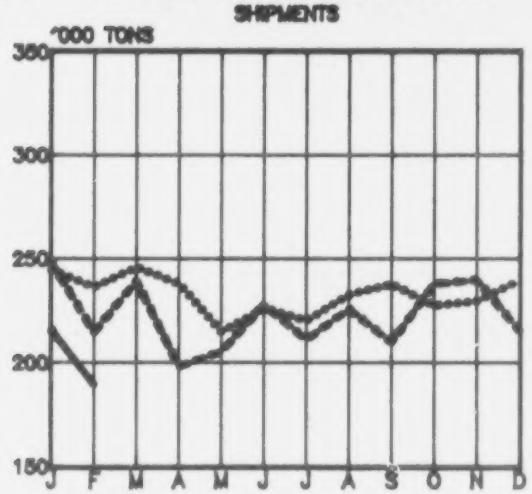
NOTE: 1990 EXPORT DATA NOT FULLY COMPARABLE WITH 1989'S.

	EXPORTS TO CANADA *							
Pulpwood, Roundwood (In cords of 128 cubic feet)	62,892	1,120	0	0	29,481	3,911	353,772	117824.0
Pulpwood chips	28,218	1,241	524	24	10,804	592	129,843	1001.2
Wood Pulp, Total	362,896	141,272	35,794	13,911	36,793	16,367	441,512	126.3
Cotton Pulp & Other Pulp	6,216	4,249	523	424	341	301	4,067	-46.9
Waste Paper	284,379	38,555	25,499	3,478	51,418	8,969	617,016	212.1
Paper, Board & Products, Total	1,083,228	763,613	86,526	58,917	100,266	107,466	1,303,212	97.5
Paper, Paperboard, Wet Machine Bd. & Constr. Paper & Bd.	754,575	497,470	61,172	38,366	77,526	68,552	930,312	128.1
Paper, Paperboard & Products	1,062,560	756,810	84,752	58,329	100,202	107,430	1,202,416	100.9
Paper & Paperboard, Only	733,907	489,668	59,399	37,777	77,460	68,497	929,518	134.0
Paper, Total	371,206	340,312	30,713	28,250	44,959	50,780	538,808	144.0
Newsprint	8,316	5,891	625	401	2,475	1,055	29,898	366.3
Printing, Writing & Rel. Pap.	228,021	222,055	18,371	18,181	30,452	34,640	365,438	153.3
Pack. & Ind. Conv. Paper	65,380	29,624	6,761	2,706	4,705	3,252	88,460	114.2
Special Industrial Paper	62,946	72,955	4,475	4,189	6,152	10,508	73,823	86.2
Tissue Paper	6,534	9,787	482	816	1,175	1,308	14,102	222.6
Paperboard, Total	362,701	149,356	28,686	11,527	32,801	17,737	390,010	121.8
Convtd Paper&Paperbd Products	328,853	266,143	25,353	20,552	22,742	38,930	272,906	36.5
Wet Machine Board	1,528	660	30	20	0	0	0	-100.0
Construction Paper & Board	19,040	7,143	1,743	588	66	66	794	-92.6

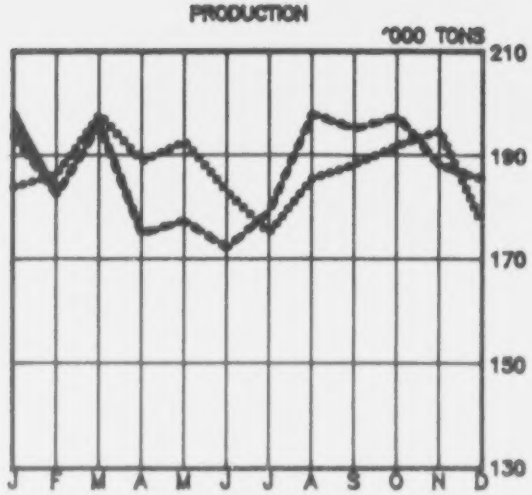
SOURCE: Bureau of Census, Department of Commerce .

E – Estimate of tonnage based on square foot data

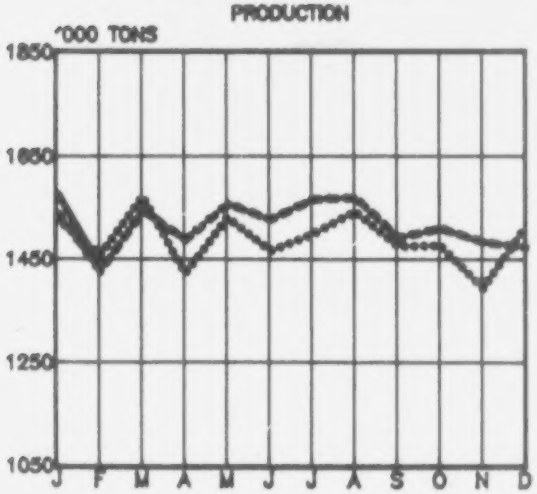
UNBLEACHED KRAFT PACKAGING AND INDUSTRIAL CONVERTING PAPER
SHIPMENTS



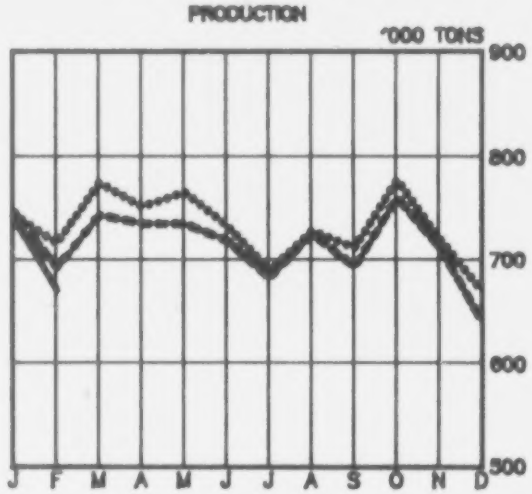
OTHER PAPER
PRODUCTION



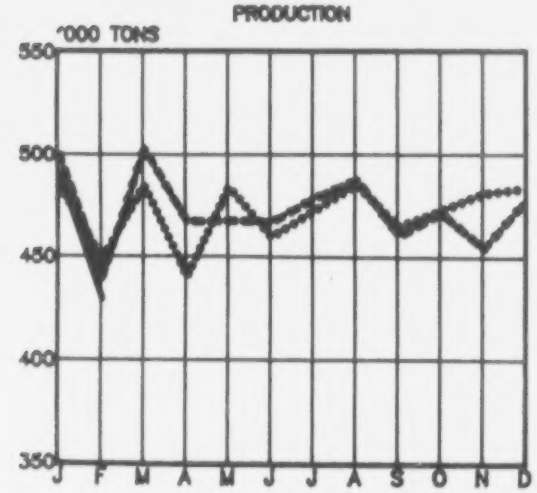
UNBLEACHED KRAFT LINERBOARD
PRODUCTION



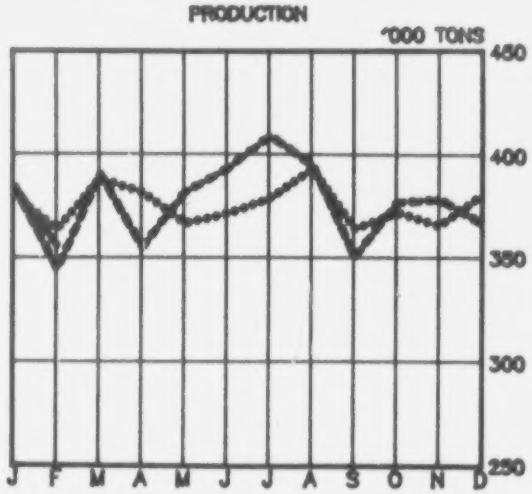
RECYCLED PAPERBOARD
PRODUCTION



SEMICHEMICAL PAPERBOARD
PRODUCTION



SOLID BLEACHED PAPERBOARD
PRODUCTION



1988 ••••••••• 1989 ------1990 ——————

PULP, PAPER AND PAPERBOARD IMPORTS		YEAR 1989		DECEMBER 1989		JANUARY 1990		Annual Rate YTD 1990 Tons (1)	% Change from same Period Last Year
		Tons	$000	Tons	$000	Tons	$000		
Pulpwood Roundwood (cords)		211,061	4,582	22,562	366	0	0	0	-100.0
Pulpwood Chips		805,391	27,799	49,310	1,298	48,996	1,953	599,856	-36.9
Total All Imports	A	18,298,860	11,352,293	1,425,379	899,252	1,549,886	979,442	18,595,061	0.9
Wood Pulp Total	A	5,005,100	2,980,842	398,469	239,778	412,713	251,205	4,952,561	-4.5
Waste Paper		172,575	33,197	12,172	2,137	12,317	2,316	147,806	-47.9
Other Fibrous Materials		11,254	5,518	243	189	1,256	630	16,424	23.6
Paper Board & Products Total	A	13,101,072	8,329,939	1,016,648	657,178	1,123,272	725,090	13,479,269	2.8
Paper Paperboard Wet Machine Bd. & Construction Paper & Board	A	12,537,474	7,231,948	977,656	546,826	1,089,571	634,813	13,074,852	4.8
Paper Ppbd & Prds ex Cnst&WMB	A	12,910,206	8,279,503	1,006,030	624,757	1,113,139	722,120	13,357,668	4.4
Paper & Paperboard Only	A	12,347,748	7,181,244	969,178	543,406	1,079,438	631,843	12,953,251	6.5
Paper Total	A	11,814,283	6,800,796	931,661	526,223	1,037,988	602,462	12,454,421	6.9
Newsprint	A	8,563,401	4,379,813	666,629	340,936	721,716	360,069	8,660,596	5.6
Printing & Writing	A	2,732,978	1,886,141	197,131	142,039	264,433	188,324	3,173,197	13.1
Uncoated Groundwood		1,304,114	817,788	83,798	51,226	113,258	70,506	1,359,096	0.0
Coated Print & Impreg. Pap.	A	774,022	632,484	56,956	46,483	79,544	64,571	954,528	36.1
Uncoated Free Sheet	A	583,077	462,404	51,206	37,996	65,786	46,306	789,186	22.2
Thin (except Cigarette)		12,711	16,200	1,333	1,511	1,052	1,290	12,626	-37.9
Bristols		59,052	86,267	4,836	5,861	4,814	5,867	57,762	-22.6
Total Pkg & Other Paper		407,087	414,353	36,156	34,143	41,901	45,282	502,810	-1.9
Unbleached Kraft Paper		239,303	118,011	21,130	10,086	22,325	10,583	267,896	-16.9
Other Pkg. & Indust. Paper		167,758	296,342	15,026	24,057	19,576	34,699	234,914	24.5
Tissue		120,797	110,691	9,748	9,102	9,819	9,778	117,828	-4.7
Paperboard, Total		533,485	280,448	37,617	17,182	41,589	29,380	498,930	-3.4
Test or Containerboard		85,048	34,401	7,928	3,227	8,251	3,448	99,016	4.5
Semi-Chemical Corrugating		118,176	36,482	8,552	2,541	8,903	2,590	106,834	-8.6
Other Paperboard		330,262	209,564	21,040	11,415	24,515	23,354	294,181	-3.9
Convtd Paper&Paperbd Products		562,457	1,098,259	36,851	81,352	33,701	90,277	404,417	-38.2
Paper Products, Total		470,471	924,729	31,290	70,297	29,510	78,851	318,121	-38.5
Paperboard Products, Total		91,986	173,529	5,572	11,055	7,191	13,426	86,296	-20.5
Wet machine Board		906	580	37	41	109	89	1,307	353.7
Construction Paper & Board E		189,119	49,824	8,440	2,380	10,025	2,883	120,294	-61.0
Notes									
Other: No Weight Avail. ($000)			136,624		8,452		7,797	93,564	26.1
Total Imports Incl. Other($000)			11,488,886		877,703		987,239	11,848,582	5.5

NOTE: A - API shifted import data from January 1989 to December 1988 to compensate for misallocation of reported data.

NOTE: 1990 EXPORT DATA NOT FULLY COMPARABLE WITH 1989'S.

PULP, PAPER AND PAPERBOARD EXPORTS	YEAR 1989		DECEMBER 1989		JANUARY 1990		Annual Rate YTD 1990 Tons (1)	% Change from same Period Last Year
	Tons	$000	Tons	$000	Tons	$000		
Pulpwood, Roundwood (cords)	137,617	3,478	3,755	49	38,551	4,149	462,612	198.9
Pulpwood Chips	4,357,811	368,154	382,994	38,533	315,702	30,409	3,788,425	1.9
Total All Exports	18,633,674	8,604,233	1,991,359	736,257	1,534,669	741,951	18,416,279	13.3
Wood Pulp,Total	8,231,172	3,512,604	684,582	328,436	429,046	251,821	5,040,536	-8.1
Cotton Pulp and Other Pulp	122,046	100,510	13,146	8,940	7,174	7,088	86,087	-11.9
Waste and Old Paper	5,980,620	729,797	478,737	57,792	525,675	67,099	6,306,096	17.9
Paper, Board & Products,Total	6,299,837	4,261,322	514,896	343,088	581,796	416,142	6,981,560	31.8
Paper,Paperboard,Wet Machine Bd. & Construction Paper & Board	5,259,802	2,962,974	436,788	242,367	493,902	292,459	5,926,823	32.4
Paper, Ppbd & Prod ex Cnst&WMB	6,263,560	4,248,585	511,369	341,701	561,234	415,834	6,974,807	32.5
Paper & Paperboard, Only	5,223,525	2,966,216	433,251	241,001	493,340	292,152	5,920,080	33.5
Paper, Total	1,486,821	1,233,814	103,115	96,518	131,303	121,270	1,575,636	34.9
Newsprint	624,798	357,381	34,678	19,450	49,913	25,818	598,960	2.9
Printing & Writing	478,270	455,456	38,845	37,638	56,958	58,949	671,490	119.2
Uncoated Groundwood	88,056	64,766	6,739	4,567	6,299	5,100	75,587	19.4
Clay Coated Paper	166,538	131,418	14,575	11,931	16,939	17,993	203,270	127.4
Uncoated Free Sheet	122,348	166,830	11,487	14,320	20,237	24,995	242,643	225.1
Other Printing & Writing	99,329	102,442	6,046	6,790	12,483	10,991	149,790	99.9
Total Pkg. & Other Paper	342,041	380,790	28,296	27,336	22,429	32,788	269,144	3.4
Unbleached Kraft	105,816	80,318	12,904	5,484	8,045	4,901	96,541	-16.5
Other Pkg. & Indust. Paper	216,223	320,472	15,393	21,853	14,384	27,886	172,603	18.3
Tissue	20,712	30,187	1,296	2,093	3,004	3,720	36,042	87.7
Paperboard, Total	3,757,704	1,734,402	330,136	154,483	362,037	170,882	4,344,444	33.0
Solid Wood Pulp	3,572,758	1,646,152	318,603	148,491	343,326	160,540	4,119,912	31.5
Total Linerboard	2,499,716	936,364	225,026	82,544	252,368	93,550	3,029,411	38.4
Bleached Kraft Linerboard	283,113	127,787	27,781	12,721	32,855	14,298	394,256	46.1
Unbleached Kraft Linerbd	2,216,603	807,578	197,245	69,823	219,513	79,252	2,634,156	37.4
Other Unbleached Kraft	246,578	113,316	15,794	8,104	23,937	13,064	287,243	30.3
Other Bleached Kraft	795,306	582,979	74,878	56,805	84,366	52,849	772,392	12.7
Semi-Chemical Corrugating	31,182	14,494	2,905	1,038	2,956	1,077	31,998	-20.5
Recycled Paperboard	184,947	88,250	11,534	5,992	16,711	10,342	224,532	99.2
Convtd Paper&Paperbd Products	1,040,036	1,278,349	78,118	100,701	87,884	123,662	1,064,727	27.1
Paper Products, Total	473,436	632,809	35,810	66,712	33,487	77,817	401,842	13.1
Paperboard Products, Total	566,601	445,543	42,309	33,989	54,407	45,846	662,885	37.8
Wet Machine Board	2,899	1,256	139	75	47	17	559	-82.5
Construction Paper & Board E	35,368	13,501	3,376	1,312	516	290	6,184	-84.4
Notes								
Other: No Weight Avail. ($000)		23,665		1,790		3,444	41,322	195.1
Total Exports Incl. Other($000)		8,627,898		740,047		745,394	8,944,730	24.2

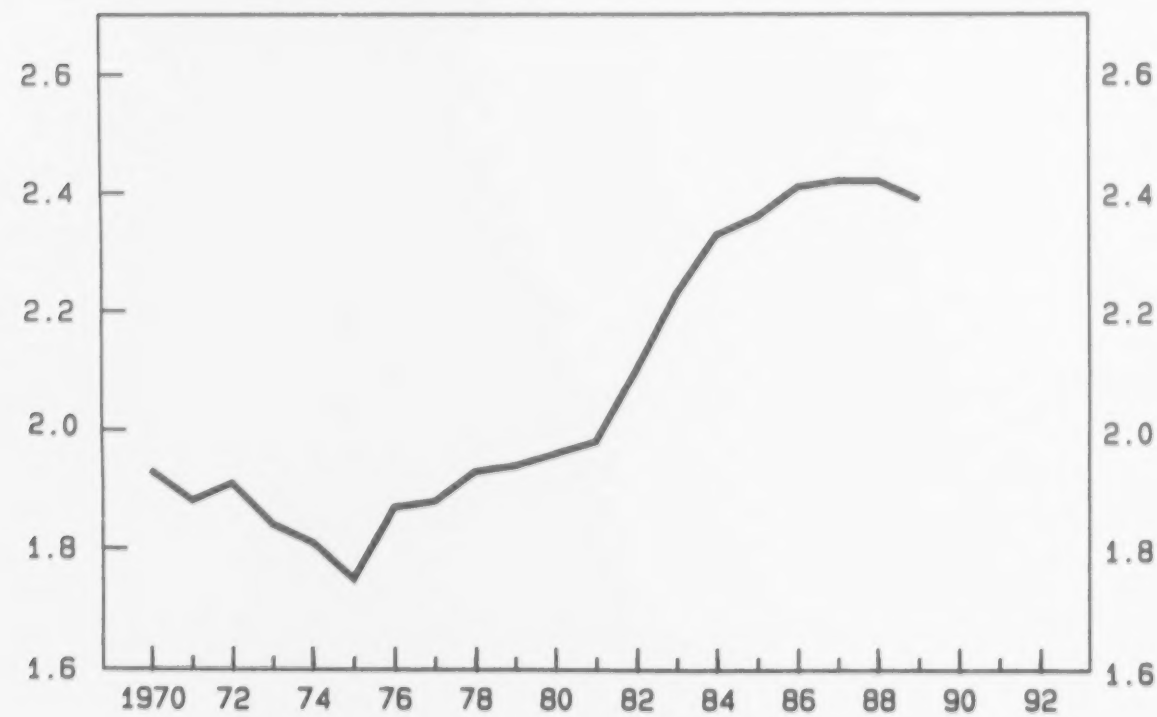
SOURCE: Bureau of Census, U.S. Department of Commerce. E - Incl. estim. of tonnage based on square foot data.

(1) Annual Rate Year-To-Date is in tons unless otherwise specified in item description.

PRODUCER PRICE INDEXES 1982 = 100	YEAR 1988	YEAR 1989	NOV 1989	DEC 1989	JAN 1990	FEB 1990	Annual Rate Y-T-D 1990	% Change from same Period Last Year
Pulp, Paper and Products except Building Grades	124.8	132.4	133.6	133.5	133.4	133.3	133.4	2.3
Pulp Paper & Products, ex. Building Grades & ex. Waste Paper *	123.8	132.0	133.3	133.2	133.1	133.0	133.1	2.5
Total Wood Pulp	136.7	157.4	160.6	159.9	159.8	160.3	160.1	5.5
Total Paper	123.2	129.6	128.2	128.2	128.0	127.5	127.8	-1.3
Total Paper, exc. Newsprint	123.4	130.5	128.8	128.7	128.4	127.9	128.2	-1.7
Newsprint	127.6	122.4	116.6	117.6	117.9	115.1	116.5	-7.7
Total Paperboard	133.2	140.1	139.7	139.6	139.8	138.4	138.6	0.3
Total Paper and Paperboard *	126.4	132.9	131.8	131.8	131.4	130.9	131.2	-0.8
Converted Products	123.0	131.7	134.5	134.5	134.5	134.6	134.6	4.6
Waste Paper	183.6	157.0	152.5	151.4	151.4	149.7	150.6	-4.7
All Commodities	106.9	112.2	112.7	113.0	114.9	114.4	114.7	3.8
Industrial Commodities	106.3	111.6	112.2	112.3	114.2	113.6	113.9	3.7

SOURCE: Producer Price Indexes: Bureau of Labor Statistics, U.S. Department of Labor * Computed by API

AD EXPENDITURES AS A % OF CURRENT-DOLLAR GNP



paperboard, total paper and total paperboard. Three new graphs -- total wood pulp consumption, market pulp production and total consumption of waste paper at paper and paperboard mills -- have been added to highlight trends of these important commodities. The graphs of the larger paper grades are on page 6; the paperboard grades on page 8. The graphs of cotton fiber and thin paper shipments, and of paperboard production for export have been deleted.

FIBROUS RAW MATERIALS

U.S. chemical paper grade market wood pulp mills ran at 99% of capacity in February. Production of these grades, at 592,000 tons, exceeded shipments by 27,000 tons. Producers built their inventories to 543,000 tons by month's end, equivalent to 29 days of supply, a level not seen since July 1985.

Through the first two months of 1990, U.S. shipments of chemical paper grade market pulp were down 9% from the same period last year. This reflects a 33% decline in shipments to Japan, a 13% decline to Western Europe and a 7% drop to the domestic market. Shipments to other markets and the Nordic region increased 11% over year-ago levels.

IMPORTS AND EXPORTS

Total tonnage exports of paper and allied products increased 9% from 1988 to 1989, while imports were up by 1%. Wood pulp and kraft linerboard exports showed the largest tonnage gains, while a 66% expansion in printing-writing papers, and the 46% increase in newsprint exports, paced the percentage advances. The 6% rise in waste paper exports was below the double-digit growth rates of the previous three years, but the tonnage level reached a new high.

Technical Note: The export data presented on pages 7 and 9 for January 1990 are not fully comparable with their 1989 counterparts. As of January 1990 the U.S. Bureau of the Censes used Statistics Canada data on Canadian imports of all commodities from the U.S. for U.S. export shipments to Canada. Last year an estimated $16 billion of U.S. merchandise exports to Canada went undocumented, reflecting a trend of long duration. The current change in reporting procedures, which is the result of several years of work between the U.S. and Canadian statistical agencies, should result in a major improvement in the U.S. export statistics.

The table at the bottom of page 7 reports U.S. exports of paper and allied products to Canada. These exports accounted for roughly one-fifth of all U.S. exports of paper and paperboard. Canada, however, accounts for relatively small tonnages of wood pulp, paperboard, and construction paper and board. Even here, the effect of the relatively low export totals reported for January 1989, which reflected, in part, start-up problems as the Bureau of the Census changed its codes to the new Harmonized System, must be considered in evaluating the 1988-1989 gains reported in this table.

GROWTH PATTERNS OF PRINT-BASED ADVERTISING

Advertising expenditures in general and print-based advertising in particular grew rapidly during the decade of the 1980's, according to data compiled by McCann-Erickson. Total advertising outlays advanced at an average annual rate of 9.9% during the 1980-89 period, while current-dollar GNP trended up 7.6% a year. As a result, advertising's share of GNP climbed from 1.94% at the beginning of the decade to 2.39% in 1989. (See graph on page 10.)

Even though ad expenditures outpaced GNP during most of the 1980's, they lagged slightly behind the overall economy in 1988 and trailed GNP by 1.4 percentage points last year. Specifically, ad outlays advanced 5.8% in 1989 while current-dollar GNP increased 7.2%. On a rate-adjusted basis, ad volume rose by less than 1% in 1989, which along with customer inventory drawdowns, contributed to last year's sluggish growth in demand for communications paper.

Predictions that print-based advertising would falter in the face of mounting competition from the electronic media proved incorrect during the 1980's. Bolstered by the strong performances of direct mail and Yellow Pages, print's share of total advertising revenues climbed from 56.5% at the beginning of the decade to 58.3% in 1989. Most of the gains took place between 1984 and 1987; the rapid growth was followed by a leveling off in print's share during 1988 and 1989 in part because of the recent sluggishness in direct mail advertising.

Although total print-based advertising increased in relative importance during the 1980's, not all categories gained ground. Newspapers saw their market share slip from 27.6% at the beginning of the decade to 26.0% in 1989. Slow growth in ad spending by retailers was a major reason for the slippage. On the other hand, classified ads and inserts grew rapidly during most of the 1980's. Annual circulation of free-standing inserts advanced at an average annual rate of 8.9% during the 1980-89 period, according to data compiled by the Newspaper Advertising Bureau. The growth pace of inserts slowed to 3.0% in 1988, but was reported at 5.9% in 1989.

ADVERTISING REVENUE DISTRIBUTION
(% of total dollars)

	1980	1988	1989
Newspapers	27.6%	26.4%	26.0%
Magazines	5.9	5.1	5.4
Direct Mail	14.2	17.9	17.8
Yellow Pages & Other	8.8	9.0	9.1
Total Print	**56.5%**	**58.4%**	**58.3%**

Source: McCann-Erickson

AMERICAN PAPER INSTITUTE, INC.
260 Madison Avenue
New York, New York 10016

INDUSTRY FACT SHEET
MONTHLY STATISTICAL SUMMARY INSERT

VOL. 68, NO. 1
JANUARY, 1990

PRODUCTION (000 TONS)

	(P) DECEMBER 1989	NOVEMBER 1989	DECEMBER 1988	FULL YEAR 1989	FULL YEAR 1988	% CHANGE YR TO DATE 1989/1988
PAPER GRADES						
Newsprint	532	516	512	6,088	5,982	1.8
Printing & Writing	1,679	1,812	1,759	21,484	21,793	-1.4
Uncoated Groundwood (s)	123	153	126	1,754	1,624	8.0
Coated Paper (s)	585	616	573	7,194	7,359	-2.2
Uncoated Free Sheet Paper (s)	864	930	931	11,043	11,277	-2.1
Thin Paper (s)	14	13	17	189	217	-12.8
Cotton Fiber Paper (s)	12	12	15	157	167	-6.3
Bleached Bristols (s)	82	89	97	1,148	1,150	-0.1
Tissue Paper	460	474	450	5,636	5,476	2.9
Total Pkg & Other Paper	402	429	417	4,925	5,047	-2.4
Unbl. Kraft Paper (s)	216	241	240	2,681	2,800	-4.2
Other Paper	186	188	177	2,243	2,247	-0.2
TOTAL PAPER	3,073	3,230	3,138	38,133	38,298	-0.4
PAPERBOARD GRADES						
Unbleached Kraft Paperboard	1,567	1,580	1,622	19,493	19,140	1.8
Unbleached Kraft Linerboard	1,475	1,486	1,516	18,199	17,897	1.7
Other Unbl. Kraft Paperboard	92	94	107	1,293	1,244	4.0
Semichemical Paperboard	479	455	484	5,681	5,664	0.3
Bleached Paperboard	368	379	381	4,532	4,511	0.5
Recycled Paperboard	653	728	685	8,786	8,991	-2.3
TOTAL PAPERBOARD	3,066	3,142	3,172	38,492	38,306	0.5
TOTAL PAPER AND PAPERBOARD	6,140	6,372	6,311	76,625	76,604	0.0

WOOD PULP (ALL GRADES)	NOVEMBER 1989	OCTOBER 1989	NOVEMBER 1988	FIRST 11 MONTHS 1989	FIRST 11 MONTHS 1988	% Change 89/88
Dissolving & Special Alpha	132	109	112	1,310	1,240	5.6
Bleached Sulfite)	124	132	127	1,446	1,418	2.0
Unbleached Sulfite)						
Bleached & Semi-Bl. Sulfate	2,153	2,283	2,169	24,871	23,980	3.7
Unbleached Sulfate	1,756	1,862	1,711	19,906	19,793	0.6
Semichemical	351	379	365	4,014	3,991	0.6
Groundwood & Thermomechanical	505	530	489	5,509	5,458	0.9
TOTAL PULP DIVISION DATA	5,022	5,295	4,973	57,055	55,879	2.1

(s) - Shipments
P - Preliminary

January 31, 1990

	Full Year		INDUSTRY DATA 1988 - 1989			Ann. Rate Year - To - Date	% From Same Pd. Last Year
			R		P		
PAPER AND PAPERBOARD -- Tons (000)	1987	1988	October	November	December	1989	
Total Production (API).....: excluding :...	74,317	76,604	6,616	6,373	6,140	76,628	0.0
Total Seasonally Adjusted....:construction:...			6,486	6,471	6,218	76,550	0.0
Imports (including Products).: and wet :..E	12,528	12,788	1,168	1,100	1,132	13,036	1.9
Exports (including Products).: machine :..E	5,197	5,559	554	475	495	6,247	12.4
Apparent Consumption.....: grades :...	81,648 a	83,833 b	7,100	7,096	6,855	83,417 c	-0.4
Paper Production % Tonnage Capacity.....	94.4 g	95.2	95.1	93.7	86.3	92.3	-
Paperboard Production % Tonnage Capacity.....	95.7 g	95.0	92.6	91.9	87.3	93.6	-
			September	October	November		
IMPORTS.....:Including Construction and :...	12,837	13,110	1,074	1,183	1,115	13,184	0.2
EXPORTS.....: WMB Grades (excl. HPB) :...	5,304	5,691	528	558	477	6,311	11.4
MARKET WOOD PULP PRODUCTION - Tons (000).....	8,114	8,565	712	682	690	8,743	2.8
TOTAL WOOD PULP PRODUCTION - Tons (000).....	59,552	61,161	5,063	5,295	5,022	62,242	2.1
WOOD PULP IMPORTS - TONS (000).....	4,850	5,038	428	442	388	5,025	-0.4
WOOD PULP EXPORTS - TONS (000).....	4,889	5,528	548	502	347	6,160	13.9
RAW MATERIALS CONSUMPTION - Tons (000)							
..PAPER AND BOARD MILLS : excluding :			September	October	November		
Wood Pulp.....:consumption for:.....	59,475	60,847	4,997	5,311	4,981	61,465	1.3
Waste Paper.....:construction & :.....	17,993	18,860	1,666	1,752	1,676	20,032	5.9
TOTAL.....: WMB grades :.....	77,468	79,707	6,663	7,063	6,656	81,497	2.4
PULPWOOD CONSUMPTION Cords(000)Amer.Pulpwd. Assn	93,946	95,497	8,167	8,331	8,070	98,703	3.6
EMPLOYMENT (000)			October	November	December		
Paper and Allied Products.....Total.....	680.1	692.6	698.2	698.2	699.9	697.3	0.7
Pulp, Paper and Board Mills.....Total.....E	244.9	245.5	246.1	246.5	247.9	247.2	0.7
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS ($)			October	November	December		
Paper and Allied Products.....	11.43	11.66	11.97	12.08	12.11	11.93	2.3
Pulp, Paper Mills.....E	14.01	14.31	14.86	15.02	14.90	14.71	2.8
Paperboard Mills.....E	14.30	14.49	14.93	15.11	15.16	14.76	1.8
CAPITAL EXPENDITURES, PAPER & ALLIED PRODUCTS			1989 Q2	1989 Q3	1989 Q4		
(Rept. by US Dept. of Com., Ann. Rates, Bill.$)*	9.01	11.36	14.87	15.82	16.71	15.45 Y	36.0
INDEX OF OUTPUT PER MAN-HOUR (1977=100).....			October	November	December		
:IN PULP, PAPER :...Production Workers.....	144.8	148.9	150.9	150.5	142.6	149.2	0.2
:AND BOARD MILLS:...All Employees.....	141.6	146.3	147.2	146.9	139.2	145.7	-0.4
PAPER AND ALLIED PRODUCTS (Million $)			September	October	November		
Industry Shipments (Dept. of Commerce)*.....	118,855	127,718	10,857	10,976	11,007	130,844	2.7
Pulp, Paper and Paperboard*.....	51,518	57,177	4,774	4,742	4,759	58,057	1.7
Inventories (End of Period) - Total Industry*..	11 14	12,065	12,597	12,605	12,554	12,554	5.2
Pulp, Paper and Paperboard*.....	4, 36	4,325	4,923	5,009	4,999	4,999	17.5
			1989 Q1	1989 Q2	1989 Q3		
Sales (Corporations Only).....	25,576	107,221 RS	27,281	28,534	28,090	111,873	4.6
Earnings (Corporations Only).....	5,520	8,081 RS	1,979	2,022	1,850	7,801	-5.2
Depreciation (Corporations Only).....	4,279	4,625 RS	1,187	1,231	1,247	4,887	6.0
Net Worth (Corporations Only).....	39,217	42,940 RS	44,093	45,242	46,513	46,513	8.1
PRICE INDEXES (Bureau of Labor Stats)1982=100			October	November	December		
Pulp, Paper & Products, ex. Building Grades....	114.3	124.7	133.6	133.6	133.5	132.5	6.2
Wood Pulp.....	111.6	136.7	160.8	160.6	159.9	157.5	15.2
Waste Paper.....	181.4	183.5	158.3	152.5	151.4	157.1	-14.4
Paper.....	111.5	123.2	128.6	128.2	128.2	129.6	5.2
Paperboard.....	118.1	133.2	140.0	139.7	139.6	140.1	5.2
PAPER DEMAND (INDEXED: 1977=100)			October	November	December		
Total Paper Production *.....	133.0	138.1	141.1	140.5	133.7	137.5	-0.4
Paper New Supply *.....	140.0	144.2	148.1	146.0	141.1	142.3	-1.3
Demand Indicators - (Weighted Average) *.....	154.5	163.7	178.0	179.3	179.9	175.6	7.3
Production of Nondurable Goods *...(21.2%).	136.8	143.9	152.2	152.7	152.6	150.4	4.6
Disposable Income .....*.(23.9%)	130.0	134.9	141.5	142.4	142.6	140.7	4.2
Total Printing and Publishing *...(54.9%).	172.0	183.8	203.8	205.6	206.6	200.4	9.1
Trend Factor	Not Available						
PAPERBOARD DEMAND (INDEXED: 1977=100)							
Total Paperboard Production *.....	129.2	132.2	133.8	133.8	129.8	132.8	0.5
Production for Domestic Use	126.2	129.5	130.3	131.1	125.3	129.9	0.3
Demand Indicators - (Weighted Average) *.....	125.9	132.5	137.5	137.6	138.1	137.1	3.5
Production of Consumer Goods *...(62.06%)	127.7	133.9	139.9	139.8	140.6	139.3	4.0
Production of Equipment *...(5.75%)	148.8	158.2	162.0	163.7	166.1	164.3	3.9
Production of Materials *...(32.19%)	118.3	125.3	128.6	128.6	128.2	128.1	2.3
Trend Factor	Not Available						
NEWSPRINT MARKETS			September	October	November		
Consumption by Publishers - Tons (000).....	13,583	13,597	1,140	1,221	1,210	13,510	-0.6
Newspaper Pub. and Printing Empl. Total(000)...	471	475	476	478	482	477	0.5
PRINTING AND FINE PAPER MARKETS							
MAGAZINE ADVERTISING PAGES (PIB, Inc.).....	164,771	171,845	17,021	18,565	17,681	176,867	3.3
WHOLESALERS SALES AND INVENTORIES (Million $)							
Total Paper & Pap. Prdcts.,ex Wallpaper..Sales	44,741	52,377	4,797	5,181	5,014	56,845	8.7
Inventories (End of Period).	3,850	4,436	4,467	4,658	4,600	4,600	7.2
FIBRE BOX DATA (Fibre Box Association)			October	November	December		
Fibre Box Shipments (Million square feet).....	297,827	308,507	28,991	25,173	23,131	312,205	1.2
Container'bd Inventory at Mill & Plant(000Tons).	2,486	2,553	2,460	2,450	2,501	2,501	-2.0
RETAIL TRADE (Billion $)			October	November	December		
Total Retail Sales *.....	1,511	1,612	143.4	144.2	144.4	1,711	6.2
Nondurable Goods Stores Sales *.....	950	998	89.4	90.2	90.7	1,061	6.4
GENERAL ECONOMIC DATA			October	November	December		
TOTAL INDUSTRIAL PRODUCTION (INDEX 1977 = 100)*..	129.8	137.2	141.8	142.3	142.8	141.7	3.3
PRODUCER PRICES(ALL COMMODITIES)(INDEX 1982=100).	102.8	106.9	112.7	112.7	113.0	112.2	4.9
CONSUMER PRICES (ALL ITEMS-URBAN CON.)('82-4=100)	113.6	118.3	125.6	125.9	126.1	124.0	4.8
TOTAL CONSUMER CREDIT OUTSTANDING - (Billion $)..	618.2	671.4	September 709.6	October 711.3	November 716.5	716.5	8.7
GROSS NATIONAL PRODUCT - ANNUAL RATE (Billion$)..			1989 Q2	1989 Q3	1989 Q4		
G.N.P. or Expenditure - Current $.....	4,524	4,881	5,202	5,281	5,337	5,233	7.2
G.N.P. or Expenditure - 1982 $.....	3,854	4,024	4,133	4,163	4,168	4,143	2.9

lb/capita

Pap&Papbd Othr Totl Popul(mil)
.a = 669 + 17 = 686 243.9
.b = 681 + 17 = 698 246.3
.c = 671 + 17 = 688 248.8
.E = Last month estimated by API

f - Wood Pulp Production excludes def., explo. & scrngs.
g - Adjusted for holiday shutdowns
h - First 3 quarters, annual rate
Q - Quarter

R - Revised
Y - Full year estim. by U.S. Dept. of Com.
RS - Revised Series
* - Seasonally Adjusted.

INDUSTRY FACT SHEET
MONTHLY STATISTICAL SUMMARY INSERT
VOL. 68, NO. 2
FEBRUARY, 1990

PRODUCTION (000 TONS)

	(P) JAN 1990	(R) DEC 1989	JAN 1989	FULL YEAR 1989	FULL YEAR 1988	% CHANGE YR TO DATE 1990/1989
PAPER GRADES						
Newsprint	556	532	507	6,088	5,982	9.6
Printing & Writing	1,898	1,684	1,881	21,540	21,857	0.9
Uncoated Groundwood (s)	157	123	150	1,754	1,624	5.3
Coated Paper (s)	638	585	634	7,194	7,359	0.6
Uncoated Free Sheet Paper (s)	972	864	966	11,043	11,277	0.7
Thin Paper (s)	18	18	19	245	281	-4.9
Cotton Fiber Paper (s)	13	12	14	157	167	-2.6
Bleached Bristols (s)	100	82	100	1,148	1,150	-0.1
Tissue Paper	490	460	466	5,636	5,476	5.2
Total Pkg & Other Paper	414	402	443	4,925	5,047	-6.4
Unbl. Kraft Paper (s)	216	216	249	2,681	2,800	-13.1
Other Paper	198	186	194	2,243	2,247	2.2
TOTAL PAPER	3,358	3,077	3,297	38,189	38,363	1.9
PAPERBOARD GRADES						
Unbleached Kraft Paperboard	1,685	1,567	1,657	19,493	19,140	1.7
Unbleached Kraft Linerboard	1,576	1,475	1,539	18,199	17,897	2.4
Other Unbl. Kraft Paperboard	110	92	117	1,293	1,244	-6.7
Semichemical Paperboard	490	479	500	5,681	5,664	-2.0
Bleached Paperboard	384	368	384	4,532	4,511	0.0
Recycled Paperboard	725	639	747	8,592	8,789	-2.9
TOTAL PAPERBOARD	3,285	3,053	3,287	38,299	38,104	-0.1
TOTAL PAPER AND PAPERBOARD	6,643	6,130	6,584	76,488	76,467	0.9

WOOD PULP (ALL GRADES)	DEC 1989	NOV 1989	DEC 1988	FULL YEAR 1989	FULL YEAR 1988	% CHANGE YR TO DATE 1990/1989
Dissolving & Special Alpha	117	133	127	1,427	1,367	4.4
Bleached Sulfite)	120	124	143	1,567	1,560	0.4
Unbleached Sulfite)						
Bleached & Semi-Bl. Sulfate	2,110	2,152	2,323	26,979	26,302	2.6
Unbleached Sulfate	1,743	1,756	1,838	21,648	21,631	0.1
Semichemical	357	351	367	4,370	4,358	0.3
Groundwood & Thermomechanical	523	505	484	6,032	5,943	1.5
TOTAL PULP DIVISION DATA	4,969	5,021	5,282	62,023	61,161	1.4

(s) - Shipments
P - Preliminary
R - Revised

AMERICAN PAPER INSTITUTE, INC.
260 Madison Avenue
New York, New York 10016

February 28, 1990

	1988	1989	INDUSTRY DATA 1989 – 1990 R	P		Ann. Rate Year-To-Date 1990	% From Same Period Last Year
PAPER AND PAPERBOARD — Tons (000)			Nov	Dec	Jan		
Total Production (API) excluding	76,467	76,488	6,361	6,130	6,643	79,714	0.9
Total Seasonally Adjusted construction			6,459	6,209	6,451	77,407	2.4
Imports (including Products) and wet E	12,788	12,910	1,100	1,006	1,090	13,080	2.2
Exports (including Products) machine E	5,559	6,264	475	511	522	6,264	12.0
Apparent Consumption grades	83,695 a	83,135 b	7,084	6,703	7,019	86,530 c	2.3
Paper Production % Tonnage Capacity	95.4 g	92.4	93.8	86.4	93.9	93.9	–
Paperboard Production % Tonnage Capacity	94.5 g	93.1	91.5	86.9	92.6	92.6	–
			Oct	Nov	Dec		
IMPORTS.....Including Construction and	13,110	13,100	1,183	1,115	1,015	N.A.	N.A.
EXPORTS.....: WMB Grades (excl. HPB)	5,691	6,300	568	477	515	N.A.	N.A.
MARKET WOOD PULP PRODUCTION – Tons (000)	8,585	8,684	682	691	648	N.A.	N.A.
TOTAL WOOD PULP PRODUCTION – Tons (000)	61,161	62,023	5,295	5,021	4,980	N.A.	N.A.
WOOD PULP IMPORTS – TONS (000)	5,038	5,006	442	388	388	N.A.	N.A.
WOOD PULP EXPORTS – TONS (000)	5,528	6,231	502	347	585	N.A.	N.A.
RAW MATERIALS CONSUMPTION – Tons (000)							
PAPER AND BOARD MILLS excluding			Oct	Nov	Dec		
Wood Pulp consumption for	60,847	61,309	5,311	4,979	4,988	N.A.	N.A.
Waste Paper construction &	19,021	19,994	1,760	1,674	1,593	N.A.	N.A.
TOTAL WMB grades	79,868	81,303	7,070	6,652	6,581	N.A.	N.A.
PULPWOOD CONSUMPTION Cords (000) Amer. Pulpwd. Assn	95,497	98,414	8,331	8,070	7,936	N.A.	N.A.
EMPLOYMENT (000)			Nov	Dec	Jan		
Paper and Allied Products Total	692.6	697.3	696.2	699.9	696.4	696.4	0.6
Pulp, Paper and Board Mills Total E	247.2	247.1	246.5	247.9	246.5	246.5	0.4
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS ($)			Nov	Dec	Jan		
Paper and Allied Products	11.86	11.93	12.08	12.11	12.08	12.08	2.6
Pulp, Paper Mills E	14.31	14.71	15.02	14.90	14.95	14.95	3.5
Paperboard Mills E	14.49	14.76	15.11	15.16	15.10	15.10	4.4
CAPITAL EXPENDITURES, PAPER & ALLIED PRODUCTS			1989 Q2	1989 Q3	1989 Q4		
(Repr. by US Dept. of Com., Ann. Rates, Bil $)*	11.36	15.45	14.87	15.82	16.71	17.92 Y	16.0
INDEX OF OUTPUT PER MAN-HOUR (1977=100)			Nov	Dec	Jan		
IN PULP, PAPER ... Production Workers	148.7	149.0	150.2	142.4	151.0	151.0	-1.3
AND BOARD MILLS ... All Employees	145.1	145.5	146.6	139.0	147.8	147.8	-0.9
PAPER AND ALLIED PRODUCTS (Million $)			Oct	Nov	Dec		
Industry Shipments (Dept. of Commerce)*	127,718	130,507	10,976	11,007	10,587	N.A.	N.A.
Pulp, Paper and Paperboard*	57,177	57,698	4,742	4,759	4,479	N.A.	N.A.
Inventories (End of Period) – Total Industry*	12,085	12,560	12,605	12,554	12,560	N.A.	N.A.
Pulp, Paper and Paperboard*	4,325	4,989	5,009	4,999	4,989	N.A.	N.A.
			1989 Q1	1989 Q2	1989 Q3		
Sales (Corporations Only)	107,221	111,873 h	27,281	28,534	28,090	N.A.	N.A.
Earnings (Corporations Only)	8,081	7,801 h	1,979	2,022	1,850	N.A.	N.A.
Depreciation (Corporations Only)	4,625	4,887 h	1,187	1,231	1,247	N.A.	N.A.
Net Worth (Corporations Only)	42,940	46,513 i	44,093	45,242	46,513	N.A.	N.A.
PRICE INDEXES (Bureau of Labor Stats)1982=100			Nov	Dec	Jan		
Pulp, Paper & Products, ex. Building Grades	124.8	132.4	133.6	133.5	133.4	133.4	3.0
Wood Pulp	136.7	157.5	160.6	159.9	159.8	159.8	5.5
Waste Paper	183.6	157.1	152.5	151.4	151.4	151.4	-3.8
Paper	123.2	129.6	128.2	128.2	128.0	128.0	-0.5
Paperboard	133.2	140.1	139.7	139.6	138.8	138.8	0.8
PAPER DEMAND (INDEXED: 1977=100)			Nov	Dec	Jan		
Total Paper Production *	138.4	137.7	140.6	133.8	141.7	141.7	1.6
Paper New Supply *	144.4	142.1	146.1	137.6	146.3	146.3	1.2
Demand Indicators – (Weighted Average) *	163.7	175.7	179.9	180.5	181.2	181.2	6.3
Production of Nondurable Goods * (21.2%)	143.9	150.4	152.7	152.4	152.7	152.7	2.8
Disposable Income * (23.9%)	134.9	140.7	142.4	142.8	142.7	142.7	3.3
Total Printing and Publishing * (54.9%)	183.8	200.7	209.8	207.7	209.0	209.0	8.3
			Not Available				
PAPERBOARD DEMAND (INDEXED: 1977=100)							
Total Paperboard Production *	131.5	132.1	133.1	129.3	131.7	131.7	-0.7
Production for Domestic Use	128.8	129.2	130.4	124.7	127.1	127.1	-1.6
Demand Indicators – (Weighted Average) *	132.5	137.2	137.9	138.3	135.9	135.9	-0.4
Production of Consumer Goods * (62.06%)	133.9	139.4	140.5	141.4	138.2	138.2	-0.2
Production of Equipment * (5.75%)	158.2	164.2	163.2	164.9	162.9	162.9	1.1
Production of Materials * (32.19%)	125.3	128.1	129.4	127.6	126.6	126.6	-1.2
			Not Available				
NEWSPRINT MARKETS			Oct	Nov	Dec		
Consumption by Publishers – Tons (000)	13,597	13,563	1,221	1,210	1,178	N.A.	N.A.
Newspaper Pub. and Printing Empl. Total(000)	475	478	478	482	483	N.A.	N.A.
PRINTING AND FINE PAPER MARKETS							
MAGAZINE ADVERTISING PAGES (PIB, Inc.)	172,580	177,312	18,565	17,681	15,184	N.A.	N.A.
WHOLESALERS SALES AND INVENTORIES (Million $)							
Total Paper & Pap. Prdcts., ex Wallpaper Sales	52,377	56,512	5,181	4,877	4,541	N.A.	N.A.
Inventories (End of Period)	4,436	4,398	4,658	4,477	4,398	N.A.	N.A.
FIBRE BOX DATA (Fibre Box Association)			Nov	Dec	Jan		
Fibre Box Shipments (Million square feet)	308,507	312,205	25,173	23,131	27,462	329,544	1.5
Container bd Inventory at Mill & Plant(000Tons)	2,553	2,501	2,449	2,501	2,705	2,705	-0.1
RETAIL TRADE (Billion $)			Nov	Dec	Jan		
Total Retail Sales *	1,622	1,711	144.4	144.1	146.4	1,757	4.6
Nondurable Goods Stores Sales *	995	1,062	90.3	91.1	91.4	1,097	5.8
GENERAL ECONOMIC DATA			Nov	Dec	Jan		
TOTAL INDUSTRIAL PRODUCTION (INDEX 1977 = 100)*	137.2	141.7	142.2	142.5	140.9	140.9	0.1
PRODUCER PRICES/ALL COMMODITIES(INDEX 1982=100)	108.9	112.2	112.7	113.0	114.9	114.9	4.0
CONSUMER PRICES (ALL ITEMS–URBAN CON.)(1982–4=100)	118.3	124.0	125.9	126.1	127.4	127.4	5.2
			Oct	Nov	Dec		
TOTAL CONSUMER CREDIT OUTSTANDING – (Billion $)	671.4	729.3	711.3	716.9	729.3	N.A.	N.A.
GROSS NATIONAL PRODUCT – ANNUAL RATE (Billions)			1989 Q2	1989 Q3	1989 Q4		
G.N.P. or Expenditure – Current $	4,881	5,233	5,202	5,281	5,338	N.A.	N.A.
G.N.P. or Expenditure – 1982 $	4,024	4,144	4,133	4,163	4,172	N.A.	N.A.

Pounds Per Capita

	Pap & Paprd	Other	Total	Popul (mil)
a =	677	+ 14 =	691	247.4
b =	665	+ 13 =	678	249.9
c =	693	+ 13 =	706	249.9

f – Wood Pulp Production excludes def., explo & scr.

h – First 3 quarters, annual rate

i – End of Sept. Q – Quarter

R –Revised Y – Full year est by Dept of Commerce

E – Last month est by API

INDUSTRY FACT SHEET
MONTHLY STATISTICAL SUMMARY INSERT
VOL. 68, NO. 3
MARCH, 1990

PRODUCTION (000 TONS)

	(P) FEB 1990	(R) JAN 1990	FEB 1989	FIRST TWO MONTHS 1990	FIRST TWO MONTHS 1989	% CHANGE YR TO DATE 1990/1989
PAPER GRADES						
Newsprint	510	553	445	1,063	952	11.6
Printing & Writing	1,742	1,929	1,705	3,671	3,586	2.4
Uncoated Groundwood (s)	145	157	133	302	283	6.8
Coated Paper (s)	569	642	550	1,210	1,184	2.2
Uncoated Free Sheet Paper (s)	903	994	897	1,898	1,863	1.9
Thin Paper (s)	21	23	21	44	39	12.5
Cotton Fiber Paper (s)	13	13	13	27	27	-2.0
Bleached Bristols (s)	90	100	90	190	190	0.0
Tissue Paper	452	474	437	925	902	2.5
Total Pkg & Other Paper	373	414	398	788	841	-6.3
Unbl. Kraft Paper (s)	190	216	215	406	464	-12.4
Other Paper	183	198	183	381	377	1.3
TOTAL PAPER	3,077	3,370	2,985	6,447	6,281	2.6
PAPERBOARD GRADES						
Unbleached Kraft Paperboard	1,536	1,685	1,521	3,221	3,178	1.4
Unbleached Kraft Linerboard	1,435	1,576	1,427	3,011	2,966	1.5
Other Unbl. Kraft Paperboard	101	110	94	210	212	-0.5
Semichemical Paperboard	430	490	440	920	939	-2.1
Bleached Paperboard	356	384	345	740	729	1.5
Recycled Paperboard	671	741	693	1,412	1,440	-1.9
TOTAL PAPERBOARD	2,993	3,300	2,999	6,293	6,286	0.1
TOTAL PAPER AND PAPERBOARD	6,070	6,670	5,983	12,740	12,567	1.4

WOOD PULP (ALL GRADES)	JAN 1990	DEC 1989	JAN 1989	FIRST MONTH 1990	FIRST MONTH 1989	% CHANGE YR TO DATE 1990/1989
Dissolving & Special Alpha	127	117	127	127	127	-0.2
Bleached Sulfite)	125	122	142	125	142	-12.2
Unbleached Sulfite)						
Bleached & Semi-Bl. Sulfate	2,387	2,108	2,380	2,387	2,380	0.3
Unbleached Sulfate	1,908	1,765	1,900	1,908	1,900	0.4
Semichemical	389	357	393	389	393	-1.1
Groundwood & Thermomechanical	548	523	519	548	519	5.6
TOTAL PULP DIVISION DATA	5,483	4,991	5,462	5,483	5,462	0.4

(s) - Shipments
P - Preliminary
R - Revised

AMERICAN PAPER INSTITUTE, INC.
260 Madison Avenue
New York, New York 10016

March 31, 1990

	1988	1989	INDUSTRY DATA 1988 – 1990			Ann. Rate Year–To–Date	% From Same Period
			R	P		1990	Last Year
PAPER AND PAPERBOARD — Tons (000)			Dec	Jan	Feb		
Total Production (API) excluding	76,467	76,496	6,130	6,670	6,070	76,440	1.4
Total Seasonally Adjusted construction:			6,209	6,477	6,433	77,460	1.2
Imports (including Products) and wet E	12,788	12,910	1,008	1,113	995	12,649	1.8
Exports (including Products) machine E	5,569	6,264	511	581	520	6,607	14.4
Apparent Consumption grades	83,695 a	83,136 b	6,703	7,009	6,908	82,481 c	-0.9
Paper Production % Tonnage Capacity	95.4 g	92.4	88.4	94.2	95.0	94.6	-
Paperboard Production % Tonnage Capacity	94.5 g	93.1	86.9	93.0	93.3	93.2	-
			Nov	Dec	Jan		
IMPORTS Including Construction and	13,110	13,101	1,115	1,016	1,123	13,479	2.8
EXPORTS WMB Grades (excl. HPB)	5,691	6,300	477	515	582	6,982	31.6
MARKET WOOD PULP PRODUCTION – Tons (000)	8,585	8,864	691	648	771	9,247	-0.8
TOTAL WOOD PULP PRODUCTION – Tons (000)	61,101	61,366	5,021	4,991	5,483	66,800	0.4
WOOD PULP IMPORTS – TONS (000)	5,038	5,006	398	398	413	4,953	-4.5
WOOD PULP EXPORTS – TONS (000)	5,528	6,231	347	586	420	5,041	-8.1
RAW MATERIALS CONSUMPTION – Tons (000)							
PAPER AND BOARD MILLS excluding			Nov	Dec	Jan		
Wood Pulp consumption for	60,284	60,725	4,933	4,946	5,332	63,988	0.3
Waste Paper construction &	19,021	19,997	1,674	1,585	1,767	21,209	6.7
TOTAL WMB grades	79,315	80,722	6,607	6,540	7,100	85,196	1.8
PULPWOOD CONSUMPTION Cords (000) Aver. Pulpwd. Aver.	95,497	98,414	8,070	7,936	8,553	102,636	2.3
EMPLOYMENT (000)			Dec	Jan	Feb		
Paper and Allied Products Total	692.6	697.2	698.8	693.4	693.1	693.3	0.2
Pulp, Paper and Board Mills Total E	247.2	247.1	247.9	247.2	246.1	246.7	0.7
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS ($)			Dec	Jan	Feb		
Paper and Allied Products	11.86	11.93	12.14	12.13	12.11	12.12	2.8
Pulp, Paper Mills E	14.31	14.71	14.97	14.95	14.96	14.96	3.4
Paperboard Mills E	14.49	14.76	15.16	14.98	14.95	14.97	3.1
CAPITAL EXPENDITURES, PAPER & ALLIED PRODUCTS			1989 Q2	1989 Q3	1989 Q4		
(Repr. by US Dept. of Com., Ann. Rates, Bil $)*	11.36	15.45	14.87	15.82	16.71	17.92 Y	16.0
INDEX OF OUTPUT PER MAN–HOUR (1977=100)			Dec	Jan	Feb		
IN PULP, PAPER Production Workers	146.7	149.0	142.1	152.6	150.9	151.7	0.4
AND BOARD MILLS All Employees	145.1	145.5	139.0	148.8	146.9	147.9	0.3
PAPER AND ALLIED PRODUCTS (Million $)			Nov	Dec	Jan		
Industry Shipments (Dept. of Commerce)*	127,718	130,501	11,007	10,581	10,679	128,136	-2.4
Pulp, Paper and Paperboard*	57,177	57,700	4,759	4,481	4,550	54,600	-7.4
Inventories (End of Period) – Total Industry*	12,066	12,571	12,584	12,571	12,722	12,722	5.2
Pulp, Paper and Paperboard*	4,325	4,980	4,999	4,980	4,998	4,998	11.6
PAPER AND ALLIED PRODUCTS COMPANIES			1989 Q2	1989 Q3	1989 Q4		
Sales (Corporations Only)	107,221	112,238	28,534	28,098	28,327	N.A.	N.A.
Earnings (Corporations Only)	6,081	7,000	2,022	1,850	1,149	N.A.	N.A.
Depreciation (Corporations Only)	4,625	4,954	1,231	1,247	1,299	N.A.	N.A.
Net Worth (Corporations Only)	42,940	45,888	45,242	46,513	45,686	N.A.	N.A.
PRICE INDEXES (Bureau of Labor Stats)(1982=100			Dec	Jan	Feb		
Pulp, Paper & Products, ex. Building Grades	124.8	132.4	133.5	133.4	133.3	133.4	2.3
Wood Pulp	136.7	157.4	159.9	159.8	160.3	160.1	5.5
Waste Paper	183.6	157.0	151.4	151.4	149.7	150.6	-4.7
Paper	123.2	129.6	128.2	128.0	127.5	127.8	-1.3
Paperboard	133.2	140.1	139.6	138.8	138.4	138.6	0.3
PAPER DEMAND (INDEXED: 1977=100)			Dec	Jan	Feb		
Total Paper Production *	138.4	137.7	133.8	142.2	140.9	141.6	2.5
Paper New Supply *	144.4	142.1	137.6	147.1	143.0	145.0	2.3
Demand Indicators – (Weighted Average) *	183.7	175.6	179.2	180.4	181.3	180.8	5.7
Production of Nondurable Goods* (21.2%)	143.9	150.4	151.9	152.5	152.2	152.4	2.7
Disposable Income* (23.9%)	134.9	140.8	142.7	143.2	142.8	142.5	2.5
Total Printing and Publishing* (54.9%)	180.8	208.6	206.8	207.8	209.3	208.6	7.6
			Not Available				
PAPERBOARD DEMAND (INDEXED: 1977=100)							
Total Paperboard Production *	131.5	132.1	129.3	132.4	131.8	132.1	-0.2
Production for Domestic Use	128.8	129.2	124.7	127.7	127.9	127.8	-0.9
Demand Indicators – (Weighted Average) *	132.5	137.2	138.0	135.8	137.0	136.4	0.0
Production of Consumer Goods* (62.06%)	133.9	139.4	141.0	139.0	139.7	139.9	0.2
Production of Equipment* (5.75%)	156.2	164.2	164.8	163.5	164.9	164.2	1.8
Production of Materials* (32.19%)	126.3	129.1	127.3	126.7	126.8	126.8	-0.8
			Not Available				
NEWSPRINT MARKETS			Nov	Dec	Jan		
Consumption by Publishers – Tons (000)	13,497	13,493	1,229	1,134	1,067	12,804	1.1
Newspaper Pub. and Printing Empl. Total(000)	475	478	482	483	481	481	0.6
PRINTING AND FINE PAPER MARKETS							
MAGAZINE ADVERTISING PAGES (PIB, Inc.)	172,580	177,588	17,681	15,184	10,400	124,799	-6.6
WHOLESALERS SALES AND INVENTORIES (Million $)							
Total Paper & Pap. Prdcts., ex Wallpaper Sales	52,377	56,803	4,877	4,832	4,493	53,916	0.6
Inventories (End of Period)	4,436	4,508	4,477	4,508	4,485	4,485	-5.1
FIBRE BOX DATA (Fibre Box Association)			Dec	Jan	Feb		
Fibre Box Shipments (Million square feet)	308,507	312,205	23,131	27,532	24,544	312,456	2.6
Container'bd Inventory at Mill & Plant(000Tons)	2,553	2,501	2,501	2,705	2,694	2,694	3.1
RETAIL TRADE (Billion $)			Dec	Jan	Feb		
Total Retail Sales *	1,622	1,711	143.9	147.9	146.5	1,767	5.4
Nondurable Goods Stores Sales *	995	1,062	91.0	91.4	91.7	1,099	6.1
GENERAL ECONOMIC DATA			Dec	Jan	Feb		
TOTAL INDUSTRIAL PRODUCTION (INDEX 1977 = 100)*	137.2	141.7	142.4	141.0	141.8	141.4	0.5
PRODUCER PRICES(ALL COMMODITIES)(INDEX 1982=100)	106.9	112.2	113.0	114.9	114.4	114.7	3.6
CONSUMER PRICES (ALL ITEMS–URBAN CON.)(1982–4=100)	118.3	124.0	126.1	127.4	128.0	127.7	5.2
			Nov	Dec	Jan		
TOTAL CONSUMER CREDIT OUTSTANDING – (Billion $)	671.4	728.7	716.9	728.7	723.1	723.1	5.6
GROSS NATIONAL PRODUCT – ANNUAL RATE (Billions)			1989 Q2	1989 Q3	1989 Q4		
G.N.P. or Expenditure – Current $	4,861	5,233	5,202	5,291	5,339	N.A.	N.A.
G.N.P. or Expenditure – 1982 $	4,024	4,144	4,133	4,163	4,172	N.A.	N.A.

Pounds Per Capita

Pap & Papbd	Other	Total	Popul (mil)
a – 677 + 14 =	691		247.4
b – 665 + 13 =	678		248.9
c – 660 + 13 =	673		248.9

* – Wood Pulp Production excludes del., explo & ear.

h – First 3 quarters, annual rate

I – End of Sept Q – Quarter

R –Revised Y – Full year est by Dept of Commerce

E – Last month est by API